

*MB* 1/30 to 10/1. Energizing time with current is not more than 24 hr in continuous energizing with current, preferably not more than 24 hr in continuous energizing with current, preferably not more than 12 hr, most preferably not more than 6 hr. --

REMARKS

The specification has been amended to correct a grammatical error presented in the English translation filed in the U.S. PTO, based on the originally filed Japanese application. Support for the amendment of the specification, as shown above, can be found in the originally filed claim 14, line 6. This amendment is deemed not to add new matter. Claims 1-15 are in the application.

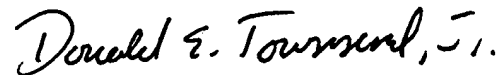
In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance, and early action and allowance thereof is accordingly respectfully requested. In the event there is any reason why the application cannot be allowed at the present time, it is respectfully requested that the Examiner contact the undersigned at the number listed below to resolve any problems.

Respectfully submitted

TOWNSEND & BANTA

A handwritten signature in black ink, appearing to read "Donald E. Townsend", with a long, sweeping flourish extending to the right.

Donald E. Townsend  
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**MARKED-UP VERSIONS OF AMENDED PORTIONS OF THE SPECIFICATION:**

--The iontophoresis system according to the present invention is configured by being provided with a member for detection which is constituted so as to adsorb a physiological substance by iontophoresis, electrodes for a device, an iontophoresis device containing a conductive layer arranged between the electrodes for the device and the member for detection, a [control] reference device containing reference electrodes set corresponding to the electrodes for the device, and a power source connecting electrically between the above described electrodes for the device and reference electrodes. Herein, the member for detection, for example, has a porous structure of the average pore size of 0.001-20 $\mu$ m.--

--Energizing with current of the iontophoresis in the present invention, as shown in FIG. 1(b), can be performed by applying direct voltage using a power source 30 between electrode 2 of device 10 and reference electrode 7 of [control] reference device 20 set corresponding to it. The power source which can apply the continuous direct voltage or the pulse direct voltage is preferably used, and the one which apply the rectangle pulse directive voltage

is more preferably used. The frequency of the pulse direct voltage is optionally selected from the range of preferably 0.1 to 200 kHz, more preferably 1 to 100 kHz, most preferably 5 to 80 kHz. On/off ratio of the pulse direct voltage is optionally selected from the range of 1/100 to 20/1, preferably, 1/50 to 15/1, more preferably, 1/30 to 10/1. Energizing time with current is not more than 24 hr in continuous energizing with current, preferably not more than 24 hr in continuous energizing with current, preferably not more than 12 hr, most preferably not more than 6 hr.--